AV2+ Ventilator
Software Updates

INSTALLATION PROCEDURE

NOTE: This procedure applies only to installing software in the AV2+ controllers. The AV2+ controller can be identified by the presence of the EXTENDED RANGE pughbutton switch.

Equipment needed: PC with DOS V3.3 or higher, and with RS-232C Serial Port connected to COM 1; P/N 4109150 2-pin shunt connector; P/N 4110328 Vitalink cable.

1. Turn the System Power switch to STANDBY and remove AC power from the machine.

CAUTION: The ventilator controller circuit board contains static sensitive devices. Use ESD protection when handling the controller assembly.

2. Remove the two screws securing the left end of the ventilator controller panel.

3. Pull the left side of the panel outward, slide it to the left until the locking tab on the right side of the panel is clear of its receptacle, then pull the assembly out far enough to gain access to its connections.

4. Install a 2-pin shunt connector (P/N 4109150) between Pins 9 & 10 of Connector Block J4 on the AV2+ controller PCB. See Figure 1.

5. Connect a 30 in. long Vitalink cable (P/N 4110328) between Com 1 on the PC and J3 on the AV2+ controller PCB. See Figure 1.

6. Turn the Narkomed System Power switch to ON.

NOTE: The BPM and I:E Ratio displays on the controller should be blank.

7. Power up the PC and begin the software download by typing LOADAV2 at the DOS prompt where the AV2+ software is located.

   During the download, the Bytes Sent counter will increment on the PC screen. After the download is complete and all bytes have been sent, the AV2+ controller BPM and I:E Ratio displays will illuminate.

8. Turn the Narkomed System Power switch to STANDBY, and the power switch on the PC to OFF. Remove the shunt connector from J4, and disconnect the Vitalink data cable from J3 on the controller PCB.

9. Slide the controller into the ventilator box, carefully fit the locking tab into its receptacle at the right side of the panel, and slide the assembly to the right until it is properly seated.

10. Reinstall the two retaining screws at the left side of the panel.

11. Perform a complete PMS procedure on the machine.

INSTALLATION PROCEDURE (continued)

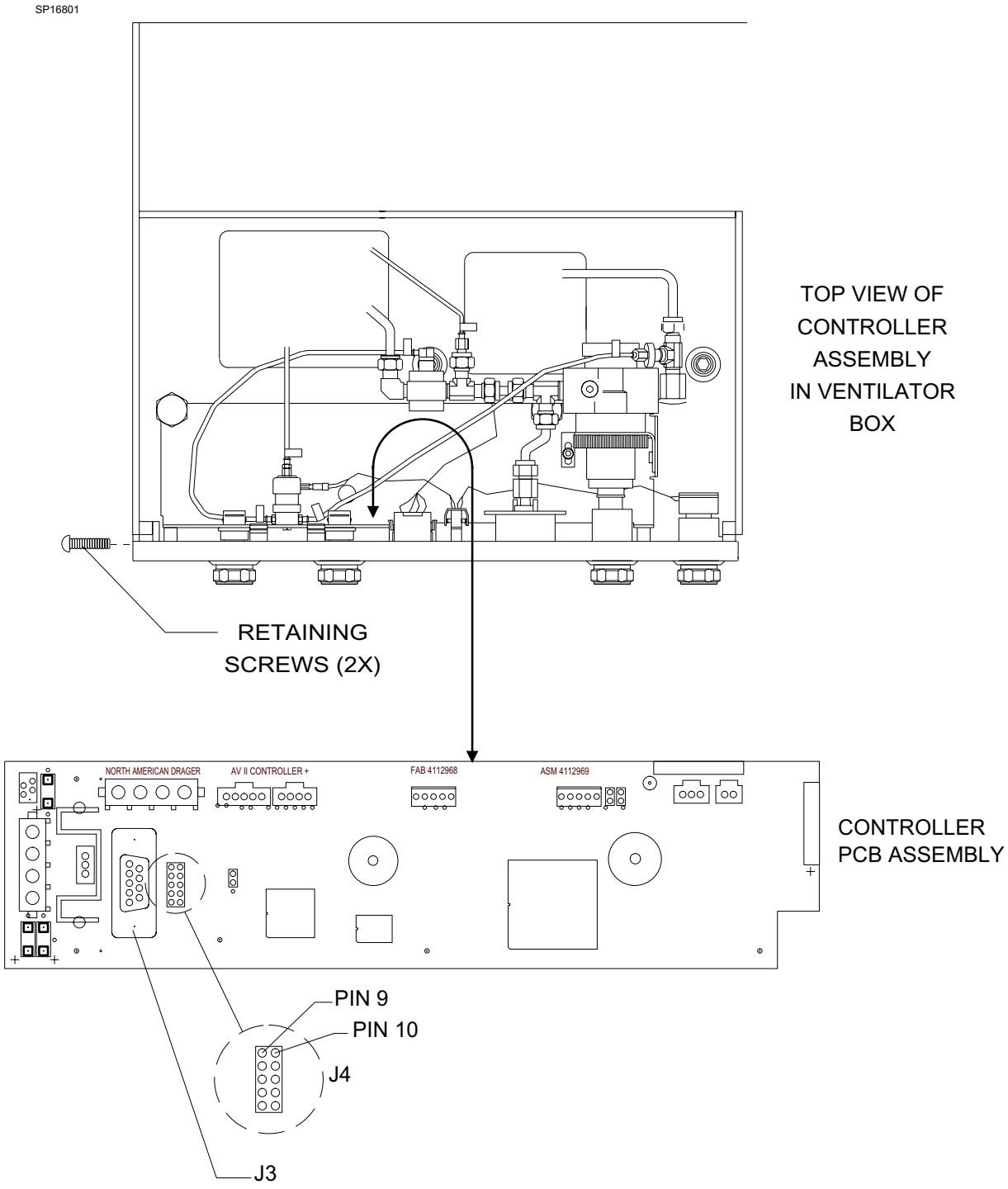

Figure 1: AV2+ CONTROLLER, AND CONNECTOR LOCATIONS

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Part Number: SP00168
Rev: -
Date: October 1, 1996
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